

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): An endoscopy system comprising a cannula (1) for housing an endoscope (3) and for forming, between the cannula and the endoscope, an irrigation channel (5) and outflow channel (9) respectively, intended for transporting an irrigation fluid and outflow fluid respectively, a coupling ring (11) mounted around the cannula (1) and provided with a coupling path (13, 15) for coupling to the irrigation channel (5), and to the outflow channel (9) respectively, and a connector (17) mounted on the coupling ring (11) and comprising a communication path (19, 21) for communicating with the coupling path (13, 15) and a first pressure sensor (18a) for sensing the pressure in the communication path (19, 21), ~~characterized in that~~ wherein the coupling ring (11) is provided with a branch-off path (27) that communicates with the irrigation channel (5), and with the outflow channel (9) respectively, and in that the connector (17) includes a blind path (29) communicating with the branch-off path (27) and a second pressure sensor (18b) for sensing the pressure in this blind path (29).

2. (Currently Amended): The endoscopy system as claimed in claim 1, ~~characterized in that~~ wherein the branch-off path (27) is placed downstream of the coupling path (13) for coupling to the irrigation channel (5) relative to the transport of the irrigating fluid and upstream of the coupling path (15) for coupling to the outflow channel (9) relative to the transport of the outflow fluid, and in that an irrigation tap (23) is provided for closing or opening the coupling path (13) to the irrigation channel (5), upstream of the branch-off path (27), and an outflow tap (25) is provided for

closing or opening the coupling path (15) to the outflow channel (9), downstream of the branch-off path (27).

3. (Currently Amended): A connector intended for an endoscopy system as claimed in claim 1 [[or 2]], comprising a communication path (19, 21) and a pressure sensor (18a) for sensing the pressure in this communication path (19, 21), ~~characterized in that~~ wherein it includes a blind path (29) and a second pressure sensor (18b) for sensing the pressure in the blind path (29).

4. (Currently Amended): The connector as claimed in claim 3, ~~characterized in that~~ wherein it includes a second communication path (19, 21).

5. (Currently Amended): The connector as claimed in claim 4, ~~characterized in that~~ wherein the branch-off path is placed between the two communication paths (19, 21).

6. (Currently Amended): The connector as claimed in claim 4 [[or 5]], ~~characterized in that~~ wherein the pressure sensors (18a, 18b) are membrane sensors.

7. (New): The connector as claimed in claim 5, wherein the pressure sensors are membrane sensors.

8. (New): A connector intended for an endoscopy system as claimed in claim 2, comprising a communication path and a pressure sensor for sensing the pressure in this communication path, wherein it includes a blind path and a second pressure sensor for sensing the pressure in the blind path.
9. (New): The connector as claimed in claim 8, wherein it includes a second communication path.
10. (New): The connector as claimed in claim 9, wherein the branch-off path is placed between the two communication paths.
11. (New): The connector as claimed in claim 9, wherein the pressure sensors are membrane sensors.
12. (New): The connector as claimed in claim 10, wherein the pressure sensors are membrane sensors.